

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 October 2005 (13.10.2005)

PCT

(10) International Publication Number
WO 2005/095358 A2

(51) International Patent Classification⁷: **C07D 239/46**

(21) International Application Number:
PCT/GB2005/001188

(22) International Filing Date: 29 March 2005 (29.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0401001-3 31 March 2004 (31.03.2004) SE

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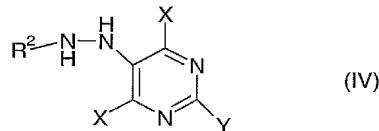
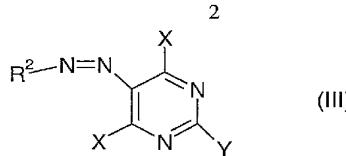
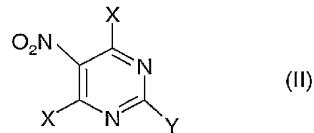
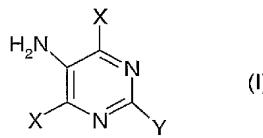
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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(54) Title: CHEMICAL PROCESS



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(57) Abstract: The present invention provides a process for the preparation of a compound of formula (I); wherein X is halogen; Y is ZR¹; Z is oxygen or sulphur; and R¹ is C₁₋₆ alkyl, C₁₋₆ haloalkyl or C₃₋₇ cloalkyl; the process comprising either: hydrogenating a compound of formula (II); with a suitable transition metal catalyst in a C₁₋₆ aliphatic alcohol, an ether, an hydrocarbon as solvent; or, b) conducting a one-pot hydrogenation of a compound of formula (III); wherein R² is phenyl optionally substituted by chloro, C₁₋₆ alkyl, C₁₋₆ alkoxy or (C₁₋₆ alkyl)₂N; firstly at about 20°C to form a compound of formula (IV); and then at about 40°C; both steps (I) and (ii) being carried out in the presence of a suitable catalyst and in the presence of a suitable solvent.



(84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

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